

We Claim:

1. A method for modulating electromagnetic waves comprising the steps of:
modulating a carrier signal by varying the polarization of said electromagnetic wave.
2. The method of claim 1 wherein the step of varying the polarization includes the steps of:
varying said polarization according to points defined by a Poincare sphere.
3. The method of claim 2 wherein said polarization states are limited to points on said
Poincare Sphere which intersect the Cartesian coordinate axes.